

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2004

## BUDGET ACTIVITY

### 4 - Advanced Component Development and Prototypes

## PE NUMBER AND TITLE

0603854A - Artillery Systems - Dem/Val

COST (In Thousands)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	306778	0	0	0	0	0	0	0	388651
F47 OBJECTIVE FORCE INDIRECT FIRES	306778	0	0	0	0	0	0	0	388651

**A. Mission Description and Budget Item Justification:** This program element supported the Crusader Advanced Development Program in FY 2002 and in FY 2003, supported the Objective Force Indirect Fires efforts for Non Line of Sight-Cannon (NLOS-C).

In FY04, Project F47 transitioned to the System Development and Demonstration (SDD) Program Element 0604647A, project F58, in accordance with Congressional directive.

Future combat systems are comprised of a family of advanced, networked air and ground based maneuver, maneuver support, and sustainment systems that will include manned and unmanned platforms...networked via a C4ISR architecture, including networked communications, network operations, sensors, battle command systems, and manned and unmanned reconnaissance and surveillance capabilities that will enable improved situational understanding and operations at a level of synchronization heretofore unachievable.

Future combat systems will operate as a system of systems that will network existing systems, systems already under development, and new systems to be developed to meet the needs of the Unit of Action. The network will enable improved intelligence, surveillance, and reconnaissance, battle command, real time sensor-shooter linkages, and increased synergy between echelons and within small units. It will also enable the Unit of Action to connect to the Unit of Employment, joint capabilities, and national assets making these capabilities available to the small units of the Unit of Action.

This system supports the current transition path of the Transformation Campaign Plan (TCP).

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<b><u>B. Program Change Summary</u></b>	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2004)	356651	0	0
Current Budget (FY 2005 PB)	306778	0	0
Total Adjustments	-49873	0	0
Congressional program reductions			
Congressional rescissions			
Congressional increases			
Reprogrammings	-49873		
SBIR/STTR Transfer			
Adjustments to Budget Years			

Funding was reprogrammed to support FCS project Networked Fires System Technology (PE 63645A - F48).